



AP35341 - 066123.0123  
PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants : Kanthimathi et al. Customer No.: 21003  
Serial No. : 10/618,997 Examiner: To Be Assigned  
Filed : July 14, 2003 Group Art Unit: 1751  
For : A PROCESS FOR THE PREPARATION OF A  
FORMALDEHYDE- FREE SYNTHETIC TANNING AGENT

**INFORMATION DISCLOSURE STATEMENT**

I hereby certify that this paper is being deposited with the  
United States Postal Service as first class mail in an envelope  
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Alexandria, VA 22313-1450.

July 13, 2004  
Date

Rochelle K. Seide

Attorney Name

Rochelle K. Seide  
Signature

32,300

PTO Reg. No

July 13, 2004

Date of Signature

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Pursuant to 37 C.F.R. §§1.97 and 1.98, applicants respectfully request that the  
documents listed below and on the accompanying PTO 1449 be considered by the  
Examiner and made of record in the above-referenced application. Copies of the listed  
documents are enclosed.

1. Hermann B. Bolt (2003) "Genotoxicity - threshold or not? Introduction of cases of  
industrial chemicals", Toxicology Letters 140-141: 43-51.

2. Thanikaivelan et al. (2002) "A novel formaldehyde-free synthetic chrome tanning agent for pickle-less chrome tanning: comparative study on syntan versus modified basic chromium sulfate", JALCA 97: 127-136.
3. Suresh et al. (2001) "An improved product-process for cleaner chrome tanning in leather processing", Journal of Cleaner Production 9: 483-491.
4. James J. Michels (2001) "Improved measurement of formaldehyde in water-soluble polymers by high-performance liquid chromatography coupled with post-column reaction detection", Journal of Chromatography A, 914: 123-129.
5. Jakov Buljan (1996) "Pollution limits for discharge of tannery effluents into water bodies and sewers", World Leather 65: 33-36.
6. U.S. Patent No. 5,425,784 to Denzinger et al., issued June 20, 1995.
7. U.S. Patent No. 5,340,365 to Wehling et al., issued August 23, 1994.
8. E. Heidemann (1993) "Tanning with organic macromolecules", Fundamental of Leather Manufacturing, Darmstadt: Eduard Roether KG: 396-401.
9. U.S. Patent No. 4,961,750 to Christner et al., issued October 9, 1990.
10. Lakshminarayana et al. (1990) "A new category of acrylic syntan for retanning chrome leather", JALCA 85: 425-430.
11. "Current Intelligence Bulletin 34: Formaldehyde: Evidence of Carcinogenicity", (1981) NIOSH Publication No. 81-111.
12. Sharphouse, J.H. (1983) Leather Technician's Handbook, Vernon Lok Ltd., London: 220-227.
13. Prentiss et al. (1974) "Acrylic syntans - versatile tanning materials", Presented at the VI Annual Mexican Leather Symposium, November 27-30.

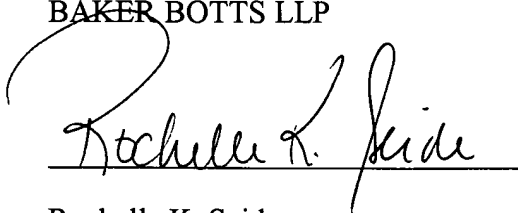
This submission does not represent that a search has been made or that no better art exists and does not constitute an admission that the listed documents are material or constitute "prior art." If the Examiner applies the documents as prior art against any claim in the application and applicants determine that the cited documents do not constitute "prior art" under United States law, applicants reserve the right to present to the Office the relevant facts and law regarding the appropriate status of the documents.

Applicants further reserve the right to take appropriate action to establish the patentability of the disclosed invention over the listed documents, should the documents be applied against the claims of the present application.

Applicants do not believe that any fee is due in connection with the submission of this paper. However, if any fee is due, or if any overpayment has been made, the Commissioner is authorized to charge any such fee or credit any overpayment, to our Deposit Account No. 02-4377. Duplicate copies of this sheet are enclosed.

Respectfully submitted,

BAKER BOTTS LLP

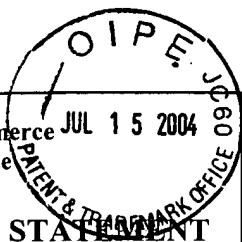
A handwritten signature in black ink, reading "Rochelle K. Seide", is written over a horizontal line. The signature is fluid and cursive.

Rochelle K. Seide  
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(REV. 2-82) Patent and Trademark Office



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# **INFORMATION DISCLOSURE STATEMENT BY APPLICANT**

(Use several sheets if necessary)

Applicants  
Kanthimathi et al.

Filing Date  
July 14, 2003

Group  
1751

## **U.S. PATENT DOCUMENTS**

*Exam. Init.	Document No.	Date	Name	Class	Subclass	Filing Date if Appropriate
	5 4 2 5 7 8 4	06/20/95	Denzinger et al.	8	94.33	
	5 3 4 0 3 6 5	08/23/94	Wehling et al.	8	94.18	
	4 9 6 1 7 5 0	10/09/90	Christner et al.	8	94.27	

## **FOREIGN PATENT DOCUMENT**

Document No.	Class	SubClass	Translator Yes No

## **OTHER DOCUMENTS (including Author, Title Date, Pertinent Pages, Etc.)**

	Hermann B. Bolt (2003) "Genotoxicity - threshold or not? Introduction of cases of industrial chemicals", Toxicology Letters 140-141: 43-51.
	Thanikaivelan et al. (2002) "A novel formaldehyde-free synthetic chrome tanning agent for pickle-less chrome tanning: comparative study on syntan versus modified basic chromium sulfate", JALCA 97: 127-136.
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	E. Heidemann (1993) "Tanning with organic macromolecules", Fundamental of Leather Manufacturing, Darmstadt: Eduard Roether KG: 396-401.

Examiner

Date Considered

\* Examiner: Initial citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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		“Current Intelligence Bulletin 34: Formaldehyde: Evidence of Carcinogenicity”, (1981) NIOSH Publication No. 81-111.
		Sharphouse, J.H. (1983) Leather Technician’s Handbook, Vernon Lok Ltd., London: 220-227.
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